

Appln No. 10/091,267
 Amdt Dated February 13, 2006
 Reply to Office Action of November 15, 2005

App 1451

Amendments to the Specification:

Kindly replace equation 1.4 on page 18 with the following equation:

$$\sum_{p \in P} \left\{ \sum_{i=1}^{R(p)} \sum_{r=1}^t e[a, r_i(p)] L_p y_{ir}(p) + \sum_{i=1}^{R(p)} \sum_{r=t+1}^M e[a, r_0(p)] L_p y_{ir}(p) + e[a, r_0(p)] L_p y_0(p) \right\} \leq c(a),$$

Kindly replace the Abstract with the following Abstract:

A method is disclosed that provides an ordered sequence of reassignments of communications paths to new routes. The network may have multiple excessively long communications paths, referred to as out-of-kilter paths, while other communications paths are of acceptable length, referred to as in-kilter paths. The method approximately optimizes a predefined objective such as maximizing the number of reassigned out-of-kilter communications paths. The method may reassign multiple in-kilter paths to new routes in order to free up capacity and allow the reassignment of an out-of-kilter path. Reassignments are executed one at a time according to the ordered sequence determined by the method, and no capacity violations are incurred on any network link at any point in time during the execution of the sequence of reassignments. All reassigned communications paths will be in-kilter.